

CHARGING STANDARDS

Level 1: 120V, SAE J1772

Level 2: 240V, SAE J1772

Level 3/DC Fast Charge:

CHAdemo, SAE Combo, Tesla

TAX CREDITS

Up to \$7,500 in federal tax credit.

Must have appropriate tax liability. Some dealers also provide incentives.

ACRONYMS

BEV: Battery Electric Vehicle

EVSE: Electric Vehicle Supply Equipment (charger)

PHEV: Plug-In Hybrid Electric Vehicle



SM
RT

YOUR GUIDE TO BUYING AN ELECTRIC VEHICLE

Lower-cost, longer-range batteries and friendlier plug-in models are bringing electric vehicles into the mainstream.

PLUG-IN HYBRID ELECTRIC VEHICLES (PHEV)

Similar to conventional hybrids, these vehicles have both an electric motor and internal combustion engine.

2017 Audi A3 Sportback e-tron PHEV



MSRP: \$37,900 before tax credits
Range (miles): 16 EV miles (380 total)
Battery Size: 8.8 kWh
Level 2 (240VAC)
Charge Time: 2-4 hours

2018 Ford Fusion Energi PHEV



MSRP: \$38,700 before tax credits
Range (miles): 21 EV miles (550 total)
Battery Size: 7.6 kWh
Level 2 (240VAC)
Charge Time: 2-3 hours

2017 BMW 740e xDrive PHEV



MSRP: \$89,100 before tax credits
Range (miles): 14 EV miles (340 total)
Battery Size: 9.2 kWh
Level 2 (240VAC)
Charge Time: 2-3 hours

2018 Honda Clarity PHEV, BEV



MSRP: \$37,550 PHEV, \$37,495 BEV before tax credits
Range (miles): 42 EV mi. 89 BEV mi.
Battery Size: 17 kWh
Level 2 (240VAC)
Charge Time: 3-4 hours

2018 BMW X5 xDrive 40e PHEV



MSRP: \$62,100 before tax credits
Range (miles): 14 EV miles (540 total)
Battery Size: 9.2 kWh
Level 2 (240VAC)
Charge Time: 2-3 hours

2017 Mercedes S550e PHEV



MSRP: \$95,650 before tax credits
Range (miles): 31 EV miles
Battery Size: 8.7 kWh
Level 2 (240VAC)
Charge Time: 2-3 hours

2017 Chevrolet Volt Range Extended EV



MSRP: \$33,220 before tax credits
Range (miles): 53 EV miles (420 total)
Battery Size: 18.4 kWh
Level 2 (240VAC)
Charge Time: 4-5 hours

2017 Mini Cooper S E Countryman PHEV



MSRP: \$36,800 before tax credits
Range (miles): 12 EV miles (270 total)
Battery Size: 7.6 kWh
Level 2 (240VAC)
Charge Time: 2-3 hours

2017 Chrysler Pacifica PHEV



MSRP: \$41,995 before tax credits
Range (miles): 30 EV miles (530 total)
Battery Size: 16 kWh
Level 2 (240VAC)
Charge Time: 2-3 hours

2017 Porsche Cayenne PHEV



MSRP: \$99,600 before tax credits
Range (miles): 16 EV miles (560 total)
Battery Size: 9 kWh
Level 2 (240VAC)
Charge Time: 2-3 hours

2017 Ford C-Max Energi PHEV



MSRP: \$32,950 before tax credits
Range (miles): 21 EV miles (620 total)
Battery Size: 7.6 kWh
Level 2 (240VAC)
Charge Time: 2-3 hours

2017 Porsche Panamera PHEV



MSRP: \$99,600 before tax credits
Range (miles): 16 EV miles (560 total)
Battery Size: 9 kWh
Level 2 (240VAC)
Charge Time: 2-3 hours

BATTERY ELECTRIC VEHICLES (BEV)

A type of electric vehicle that uses chemical energy stored in rechargeable battery packs.

2018 BMW i3 BEV, i3 REx



MSRP: \$43,600 BEV, \$47,450 REx before tax credits
Range (miles): 114 BEV miles, 97 EV miles (180 total)(REx)
Battery Size: 33 kWh
Level 2 (240VAC)
Charge Time: 4-5 hours

2018 Nissan Leaf BEV



MSRP: \$32,450 before tax credits
Range (miles): 150 EV miles
Battery Size: 40 kWh
Level 2 (240VAC)
Charge Time: 3-4 hours

2018 BMW i8 REx



MSRP: \$135,700 before tax credits
Range (miles): 15 EV miles (330 total)
Battery Size: 7.1 kWh
Level 2 (240VAC)
Charge Time: About 2 hours

2017 smart fortwo BEV



MSRP: \$25,000 before tax credits
Range (miles): 85 EV miles
Battery Size: 16.5 kWh
Level 2 (240VAC)
Charge Time: 5-6 hours

2017 Chevrolet Bolt EV



MSRP: \$37,495 before tax credits
Range (miles): 238 EV miles
Battery Size: 60 kWh
Level 2 (240VAC)
Charge Time: 9.5 hours

2017 Tesla Model S



MSRP: \$66,000 - \$89,500 before tax credits
Range (miles): 210-315 EV miles
Battery Size: 60-100 kWh
Level 2 (240VAC)
Charge Time: 5-6 hours

2017 Mercedes B-Class BEV



MSRP: \$41,450 before tax credits
Range (miles): 85 EV miles
Battery Size: 28 kWh
Level 2 (240VAC)
Charge Time: 3-4 hours

2017 Tesla Model X



MSRP: \$74,000 - \$95,500 before tax credits
Range (miles): 295 EV miles
Battery Size: 100 kWh
Level 2 (240VAC)
Charge Time: 5-6 hours